VIA WET

RECESSED

DESCRIPTION

Via Wet offers architectural lighting for wet locations in both exterior and interior applications. With a simple 3¾" high by 4½" wide profile of extruded aluminum, Via Wet can be installed in recessed, ceiling, wall, or pendant mounting.

Fully sealed, Via Wet is suitable for extreme weather condition, -20°C/-4°F to 40°C/104°F.

PROJECT: _____

TYPE: _____

NOTES: _____

_____

**IMPORTANT**: Fixture must be installed with lens facing down.

ORDER GUIDE

IC RATED

| VIAWETR					
LUMINAIRE ID	**PROTECTIVE OPTICS**	**OPTICS**	**LIGHT SOURCE**	**NUMBER OF LAMPS**	**LUMINAIRE LENGTH**
VIAWETR - via wet recessed	**TMG** - Tempered Clear Glass **PYC** - Clear Polycarbonated	**HLO** - High-Efficiency Lambertian Optic **PMO** - Precision Micro-Prism Optic	**T5** - T5 lamp **T5HO** - T5HO lamp	**1** - 1 lamp **2** - 2 lamps	Standard sections - 4' For all other specify length **#FT** - nominal length in feet Continuous Run - 4' sections joint together

VOLTAGE	**BALLAST**	**ELECTRICAL**	**POWER FEED**	**MOUNTING**	**FINISH**
120 - 120V **277** - 277V **UNV** - 120V-277V **347** - 347V	**RS** - rapid start **ST** - step dimming **D** - dimming 0-10V	**1** - 1 circuit **2** - 2 circuits **+#EM** - emergency light circuit **+#NL** - night light circuit **+GTD###** - generator transfer device, 120V or 277V	**TF** - top feed **EF** - end feed	**TRM** - trim **TRL** - trimless	**W** - matte white **CF#** - custom finish specify RAL#

See page 2 for ordering code detailed information

CROSS SECTION

1/2"

4 1/4"

3 3/4"

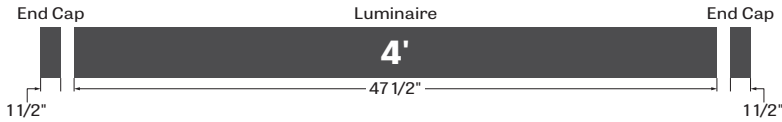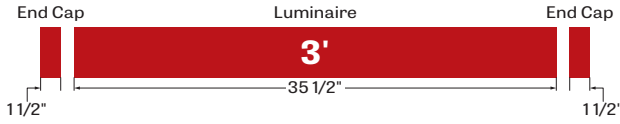4 1/2"

5" hole

5 5/16" with flanges

VIAWETR
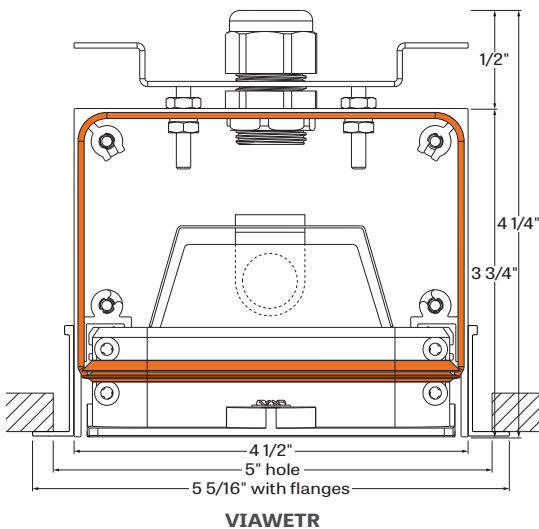
OPTICS AND PROTECTIVE OPTICS
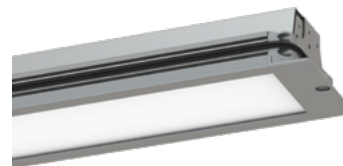
TMG +HLO - Tempered Clear Glass with High Efficiency Lambertian Optic
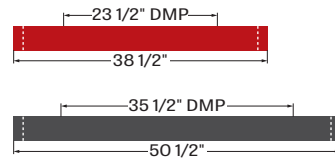
ROW CONFIGURATIONS AND MOUNTING SPACING
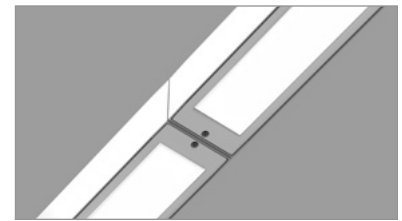
LUMINAIRE LENGTHS AND ENDCAPS

End Cap | Luminaire | End Cap
3'
35 1/2"
1 1/2" | 1 1/2"

End Cap | Luminaire | End Cap
4'
47 1/2"
1 1/2" | 1 1/2"

ROW CONFIGURATIONS AND MOUNTING SPACING

SECTIONS		TOTAL LENGTH	
3ft	4ft	Nominal	Actual
1X		3'	38 1/2"
	1X	4'	50 1/2"
2X		6'	77 1/16"
1X	1X	7'	89 1/16"
	2X	8'	101 1/16"
3X		9'	115 5/8"
2X	1X	10'	127 5/8"
1X	2X	11'	139 5/8"
	3X	12'	151 5/8"

DMP = Distance between Mounting Points

23 1/2" DMP
38 1/2"

35 1/2" DMP
50 1/2"

23 1/2" DMP | 23 1/2" DMP
38 1/2" | 38 1/2"

23 1/2" DMP | 35 1/2" DMP
38 1/2" | 50 1/2"

35 1/2" DMP | 35 1/2" DMP
50 1/2" | 50 1/2"

23 1/2" DMP | 23 1/2" DMP | 23 1/2" DMP
38 1/2" | 38 1/2" | 38 1/2"

23 1/2" DMP | 35 1/2" DMP | 23 1/2" DMP
38 1/2" | 50 1/2" | 38 1/2"

35 1/2" DMP | 23 1/2" DMP | 35 1/2" DMP
50 1/2" | 38 1/2" | 50 1/2"

35 1/2" DMP | 35 1/2" DMP | 35 1/2" DMP
50 1/2" | 50 1/2" | 50 1/2"
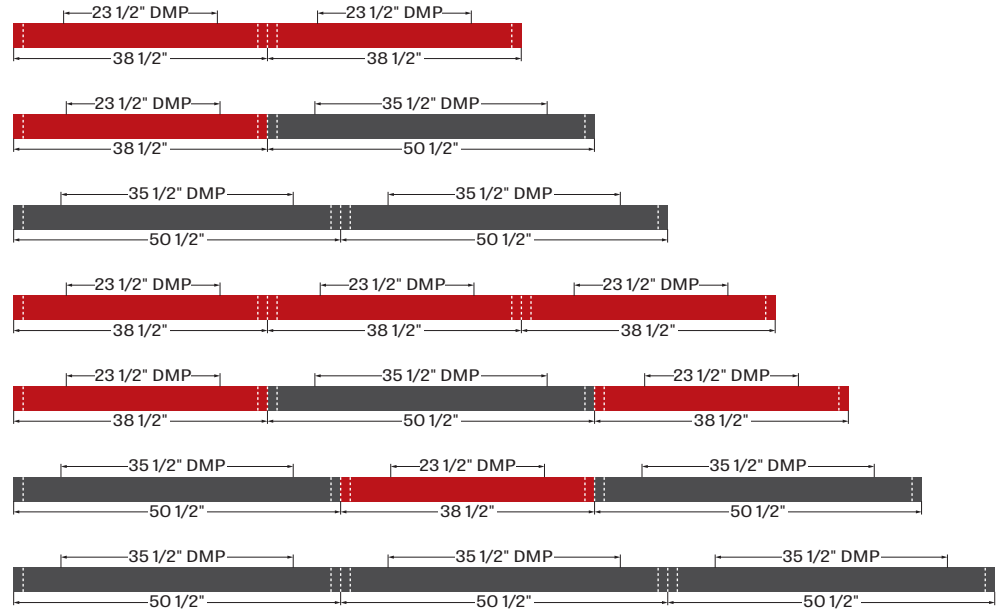
For longer run please use the same logic

3D LUMINAIRE JOINING SECTION

ETL LISTED
Intertek
c us

VIA WET

RECESSED

OPTICS AND PROTECTIVE OPTICS

Via Wet is available with a clear tempered glass **(TMG)** or a clear, UV stabilized polycarbonate **(PYC)** protective enclosure, which are installed outside of the luminaire optic itself.

The Precision Micro Optic **(PMO)** option utilizes a special catadioptric lens with a two-dimensional array of prisms designed to eliminate glare while maintaining high efficiency and clean luminous appearance. The High efficiency Lambertian Optic **(HLO)** option uses a diffuser that combines 88% transmission with good source obscuration.

LIGHT SOURCE - LED

Custom linear array of mid-flux LED's are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 3000K, 3500K and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy and lumen maintenance.

All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

LUMINAIRE LENGTH

Via Wet is made up of standard 4 foot sections that can be joined cleanly and securely for continuous runs in all configurations.
**Joining system**
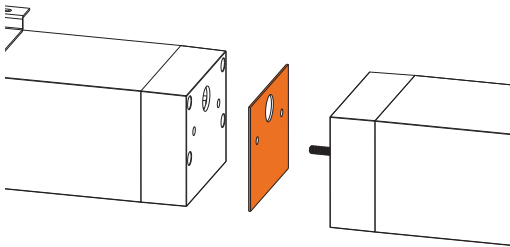
All individual sections are joined together onsite using the ¼"-20 screws and nuts provided. The joint between 2 adjacent individual sections is sealed by a silicone gasket attached to one of the 2 sections. The electrical connection between sections is made through the holes provided in the end-caps.
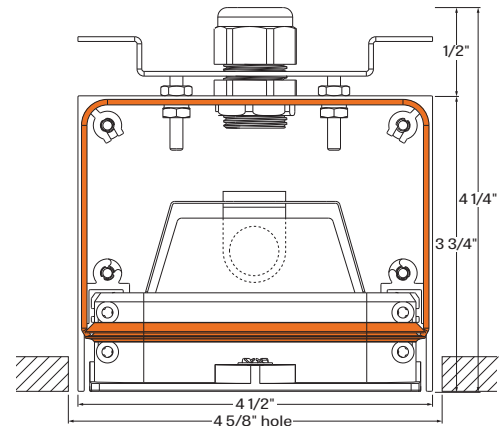
ELECTRICAL

Universal input voltages with multiple control schemes offered. Consult factory for availability.

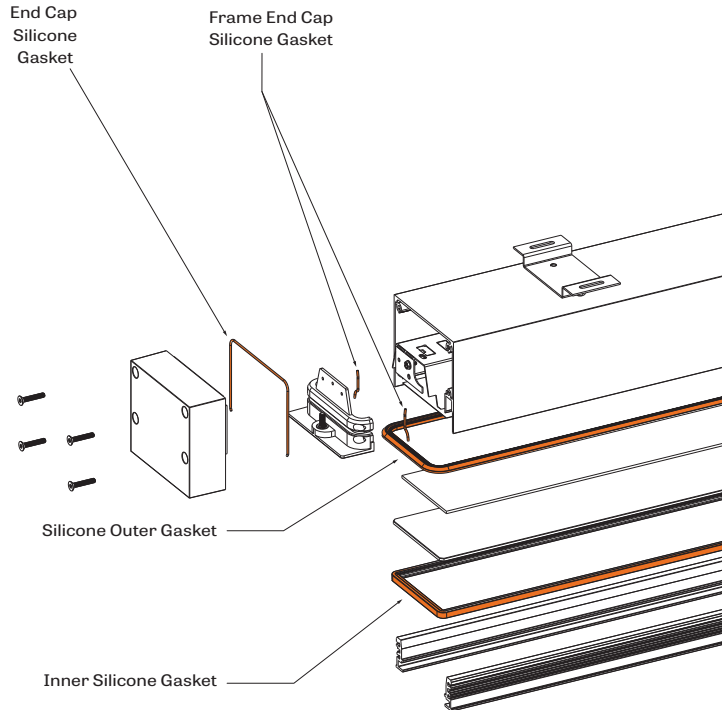## MOUNTING OPTIONS

Mountings are available with trim or trimless
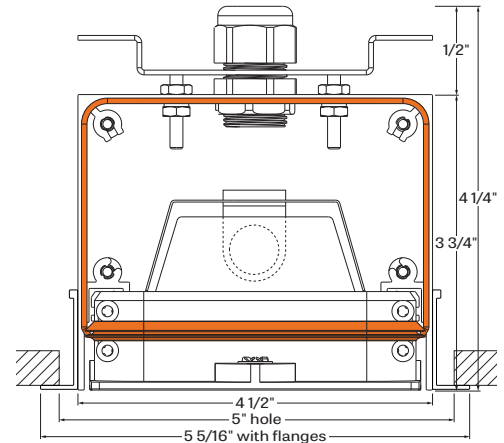
TRM - trim

TRL - trimless

GASKETTED FIXTURE MOUNTING OPTIONS

End Cap
Silicone
Gasket

Frame End Cap
Silicone Gasket

Silicone Outer Gasket

Inner Silicone Gasket

Lens and enclosure are sealed with inner and outer silicone gaskets

FINISH

Interior - 95%, reflective matte powder coated white paint
Exterior - matte white or aluminum powder coating.
Custom finishes are also available.

CONSTRUCTION

Housing - Extruded Aluminum (0.095" nominal) up to 90% Recycled Content
Side frame extrusions – Extruded Aluminum (0.125" nominal) up to 90% Recycled Content
Interior brackets - Die formed cold rolled sheet steel 16 gauge thick
Joining system - 2 x ¼"-20 screws + nuts accessible from inside the fixture + one silicone gasket attached to one of the end-caps.
Reflectors - Flat rolled Aluminum sheet 0.040" thick precisely die formed, 95% reflective matte white painted
End Cap - Aluminum Die Cast
Tempared Clear Glass - clear, 1/8" thickness, fully tempered optics.
Polycarbonated - clear, 1/8" thickness, UV protected optics.
Gaskets - Fixture lens unit and end-caps are fully sealed using silicone gaskets.

WEIGHT

Via Wet 4ft - 18.2lbs - 8.27kg

CERTIFICATIONS

ETL - Rated for Wet location. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.
IC rated - suitable for direct contact with insulation.